

# POWER THE FUTURE OF EV BATTERY PACKS

## INCREASE EV RANGE, SAFETY & PERFORMANCE WITH SPECIALTY MATERIALS

SABIC's specialty materials—lightweight resins, compounds, and copolymers offer design flexibility, flame retardance, strength, stability, and thermal management. They enable OEMs to advance battery and power electronics systems by replacing metals and plastics in components like cell retainers and inverter housings. These solutions streamline manufacturing, boost durability, and enhance performance across the vehicle lifecycle.



Discover more at [SABIC Material Finder](#)

## SABIC VALUE PROPOSITION

<b>WEIGHT REDUCTION</b>	<b>DURABILITY</b>	<b>ELECTRICAL AND THERMAL PERFORMANCE</b>
<b>FLAME RETARDANCE</b>	<b>MECHANICAL PERFORMANCE</b>	<b>MANUFACTURING EFFICIENCY</b>

**ELECTRICAL INSULATION FILM**  
 NORYL™ NHP8000VT3 Resin  
 NORYL N1250 Resin

**BMS**  
 NORYL NHP8000VT3 Resin  
 LNP™ THERMOCOMP™  
 PCAF04FRHH Compound

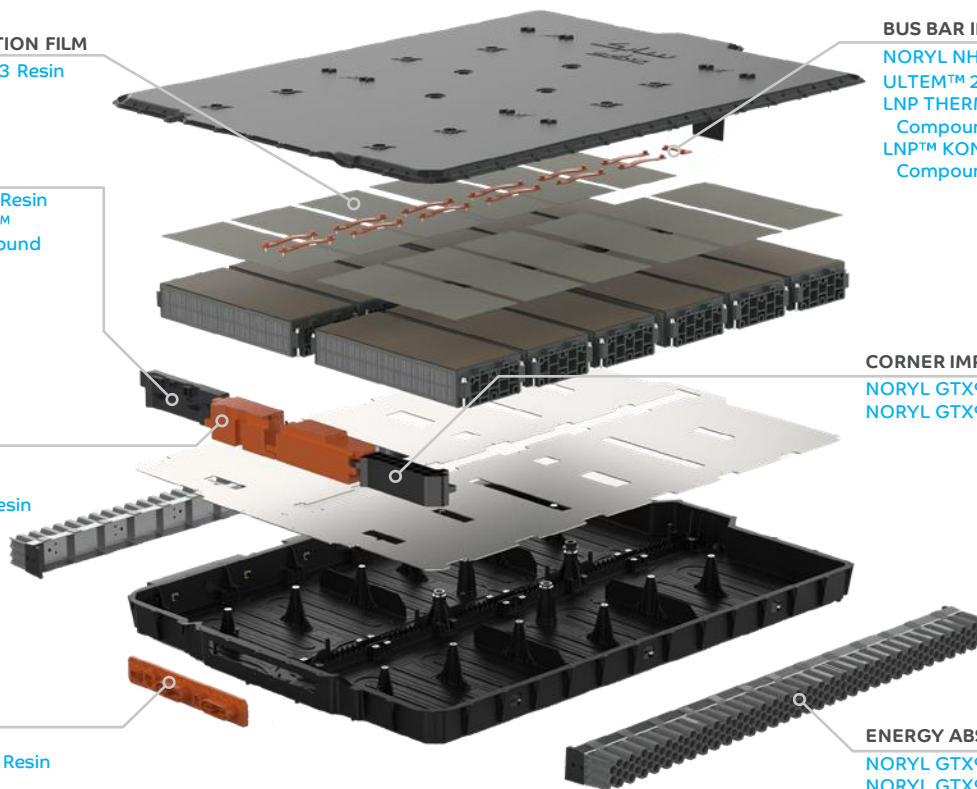
**HV SWITCHING UNIT**  
 NORYL PX1630 Resin  
 NORYL NH6020 Resin  
 VALOX ENH4560 FR Resin

**CONNECTOR**  
 NORYL NH6020 Resin  
 VALOX™ ENH4560 FR Resin

**BUS BAR INSULATION**  
 NORYL NH6020 Resin  
 ULTEM™ 2300 Resin  
 LNP THERMOCOMP OFM46 Compound  
 LNP™ KONDUIT™ OX11314 Compound

**CORNER IMPACT ABSORBER**  
 NORYL GTX9600 Resin  
 NORYL GTX964 Resin

**ENERGY ABSORBER**  
 NORYL GTX9600 Resin  
 NORYL GTX964 Resin



Exploded-view of battery pack showing diverse application potential for thermoplastics.

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# CONTACT US

## SABIC HEADQUARTERS

PO Box 5101  
Riyadh 11422  
Saudi Arabia  
T +966 (0) 11 225 8000  
F +966 (0) 11 225 9000

## EUROPE

**SABIC Europe Head Office**  
WTC Tower Ten, 16th floor  
Strawinskylaan 1475  
1077 XX Amsterdam  
The Netherlands

## REST OF ASIA

**SABIC Asia Pacific Head Office**  
One Temasek Avenue  
#06-01 Millenia Tower  
Singapore 039192  
T +65 6557 2555  
F +65 6531 8101

## GREATER CHINA

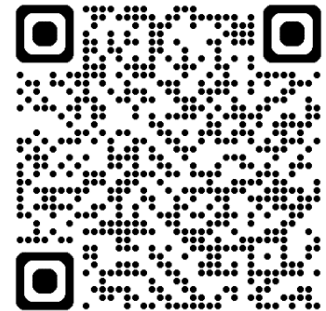
**SABIC China Head Office**  
2550, Xiupu Road, Pudong  
Shanghai, 201319  
China  
T +86 21 2037 8188  
F +86 21 2037 8288

## AMERICAS

**SABIC Americas Head Office**  
Suite 100  
2500 City West Boulevard  
Houston, TX 77042  
USA  
T +1 713 532 4999  
F +1 713 532 4994 E

## FOR INQUIRIES & QUESTIONS

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